Manhole Inspection Summary M		lanhole # S17K044MH	
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Inspection	☐ Is Incomplete Rating: 3) Fair		
Record Plat: 17	K Node: 044 Status: Found		Insp Date: 7/7/09 4:27 PM
Incomplete Comments			Crew: REI2
			Inspector: paulfry
			Firm: ATS
Location	Address: FREDERICK AV		Cross Street: S WARWICK AV
Manhole	Type: Junction Location: Roady	<i>r</i> ay	Ground Conditions: Dry
	Prev. Rehab Weather: Dry		Subject To Ponding: None
Comments			
Cover	Shape: Circular Diamete	or: 24 (in) Long	gth: 0 (in.) Dist A/B Grade: -1 (in.)
Cover	Type: Sanitary Condition	er: 24 (in.) Leng	gth: 0 (in.) Dist A/B Grade: -1 (in.) Cover Material: Cast Iron
Properties:	<i>3</i> 1		
Frame Offset: 0 (in.) Condition: ✓ Sound ☐ Cracked ☐ Leaks			
Chimney / Frame Adjustment			
Condition: Sound Cracked Root Intrusion Loose Brick Deteriorated			
Infiltration: None Joint Cracks Mortar Roots Wall			
Corbel	Material: Brick	Parged Type	e: Concentric/Eccentric
Condition:	Sound Cracked Root Intrusion Loose Brick Deteriorated		
Infiltration: ☐ None ☐ Joint ☐ Cracks ☐ Mortar ☐ Roots ☑ Wall			
Barrel Material: Brick and Concrete Parged			
Shape: Rectangular Diameter: 48 (in.) Length: 52 (in.)			
Condition:	☐ Sound ☐ Cracked ☐ Root Intro	ısion 🗌 Loos	e Brick
Infiltration:	✓ None	☐ Mortar ☐ R	oots 🗌 Wall
Bench	Exists Material: Brick	☐ Parg	ed
Condition:	✓ Sound ☐ Cracked ☐ Root Intro	ısion 🗌 Dete	riorated Leaks Debris
Channel	Channel Material: Brick Parged		
Channel Exposure: Fully Open Junc Dist: 0 nearest .5 ft. Azimuth: 0			
Condition:	✓ Sound ☐ Cracked ☐ Root Intro	ısion 🗌 Dete	riorated Leaks Debris
Steps Count: 12 Missing: 1 Corroded			
Surcharge	Evidence Of Surcharge Depth	: 0 (ft.)	tive Surcharge Present

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Location View



Defect 4



asphalt missing to the point that rim is above grade by about 1"

Defect 2



DETERIORATED CONCRETE BARRELL

Top View



Defect 3



missing step

Defect 1



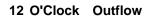
CORRODED STEPS; EVIDENCE OF INFILTRATION FROM CORBEL WALL

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15 in. Circular Gravity Sewer Pipe Out @ 12 OClock





Pipe Height: 15.6 (in.) Rod and Bar (Angled)

Pipe Material: Clay

Invert Depth: 22.16 (ft.) Flow Characteristics: Fast

Deposits: $\slash\hspace{-0.4cm} \slash\hspace{-0.4cm}$ None $\slash\hspace{-0.4cm} \slash\hspace{-0.4cm} \slash\hspace{-0.4cm}$ Mud $\slash\hspace{-0.4cm} \slash\hspace{-0.4cm} \slash\hspace{-0.4cm}$ Sludge $\slash\hspace{-0.4cm} \slash\hspace{-0.4cm} \slash\hspace{-$

Silt Depth: **0** (in.) Deposits Extent:

Infiltration: None Pipe Seal Cond: Sound

Drop: None

Connects To: Manhole

Possible Illicit Connection

12 in. Circular Gravity Sewer Pipe In @ 3 OClock



3 O'Clock Inflow

Pipe Height: 12 (in.) Rod and Bar (Angled)

Pipe Material: Clay

Invert Depth: 21.82 (ft.) Flow Characteristics: Slow

Silt Depth: **0** (in.) Deposits Extent:

Infiltration: None Pipe Seal Cond: Sound

Drop: None

Connects To: Manhole

Possible Illicit Connection

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10 in. Circular Gravity Sewer Pipe In @ 5 OClock





Pipe Height: 10.8 (in.) Rod and Bar (Angled) Pipe Material: Clay Pipe Lined Invert Depth: 20.80 (ft.) Flow Characteristics: Slow Deposits: ✓ None ☐ Mud ☐ Sludge ☐ Debris ☐ Grease

Silt Depth: 0 (in.) Deposits Extent:

Infiltration: None Pipe Seal Cond: Sound Drop: None

Connects To: Manhole Possible Illicit Connection

8 in. Circular Gravity Sewer Pipe In @ 7 OClock



Pipe Height: 8.4 (in.) Rod and Bar (Angled) Pipe Material: Clay Pipe Lined Invert Depth: 13.80 (ft.) Flow Characteristics: Fast

Deposits: ✓ None ☐ Mud ☐ Sludge ☐ Debris ☐ Grease

Deposits Extent: Silt Depth: 0 (in.)

Pipe Seal Cond: Sound Infiltration: None

7 O'Clock Inflow

Drop In @ 7 OClock



Drop: Outside **Rod and Bar**

Angled: Yes Reading: 19.82 (ft.)

Inv Depth: 20.82 (ft.)

Drop Condition: Open

Connects To: Manhole

Possible Illicit Connection